

19970602.ba ba-por01.469 ba-por01.470
>1469
>From owner-boatanchors@sco.theporch.com Sun Jun 1 00:02:33 1997
>Return-Path: <owner-boatanchors@sco.theporch.com>
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
> by uro.theporch.com (8.8.6.Beta4/A-UX3.1.1) with ESMTP id AAA17033
> for <SHIMSHON@URO.THEPORCH.COM>; Sun, 1 Jun 1997 00:02:32 -0500 (CDT)
>Received: from sco.theporch.com (localhost [127.0.0.1])
> by sco.theporch.com (8.8.6.Beta4/SCO-5.0.2) with SMTP id AAA08976;
> Sun, 1 Jun 1997 00:02:18 -0500 (CDT)
>Message-Id: <199706010502.AAA08976@sco.theporch.com>
>Date: Sun, 1 Jun 1997 00:02:18 CDT
>Sender: owner-boatanchors@theporch.com
>From: boatanchors@theporch.com
>To: Amateur Radio Equipment Using Vacuum Tubes <boatanchors@sco.theporch.com>
>Subject: BOATANCHORS digest 1469
>Mime-Version: 1.0
>Content-Type: multipart/mixed; boundary="--
__ListProc__NextPart__865141153432570576"
>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN
>Status: 0

BOATANCHORS Digest 1469

Topics covered in this issue include:

- 1) WTD RA adapter for ARC-5 Rcvr
by Mike Maloney <ac5p@ionet.net>
- 2) Re: Navy R-517/FRR-26 receiver questions.
by Ho4bart@aol.com
- 3) Info Needed on Astatic Mic
by George Humphrey <gah@koyote.com>
- 4) RE: SX-122 Surprise BA 1468
by "ROBERT W DOWNS, WA5CAB" <103012.2130@CompuServe.COM>

Date: Sat, 31 May 1997 21:48:52 -0500 (CDT)
From: Mike Maloney <ac5p@ionet.net>
To: boatanchors@sco.theporch.com
Subject: WTD RA adapter for ARC-5 Rcvr
Message-ID: <199706010248.VAA07780@mail.ionet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Does anyone have a spare right angle adapter for the main tuning flange and drive gear for one of these receivers? I hope to make a custom dial about 3 to 4 times the diameter of the stock one on

a BC-946 and need to get the tuning shaft out of the way. Want to drive the big dial with coupling spacer hub extension off smaller dial.

Thanks & 73,
Mike

Date: Sat, 31 May 1997 23:00:11 -0400 (EDT)
From: Ho4bart@aol.com
To: POST@ouvaxa.cats.ohiou.edu, boatanchors@sco.theporch.com
Subject: Re: Navy R-517/FRR-26 receiver questions.
Message-ID: <970531230011_420412289@emout19.mail.aol.com>

In a message dated 97-05-30 02:50:05 EDT,
POST@ouvaxa.cats.ohiou.edu (Richard Post) writes:

<< Any stories on this one? What was it used for?
Anyone have a schematic?
Any good suggestions for making it frequency agile? >>

no doubt these were used in Naval Air Station towers.
beautiful construction, but.....i thought about hooking
up an external vfo, even a sythesized one.....or just
xtal-ing it for 3885, 5995, or 5000, but i realized i did
not need project #47001, and couldn't really justify the
space-weight for limited utility, so i gave mine away.
(he hasn't figured out a use either. of course, it's too
nice to die.....)
hue

Date: Sat, 31 May 1997 21:56:24 -0500
From: George Humphrey <gah@koyote.com>
To: boatanchors@sco.theporch.com
Subject: Info Needed on Astatic Mic
Message-ID: <1.5.4.32.19970601025624.00a8d51c@mail.koyote.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

BAers,

I picked up an Astatic mic at a flea market today on which I could use a little info. This unit does not have a model number anywhere. It is a desk mic, all metal painted brown. Total height is about 8" with a 5.5"

dia base and a 2.25" dia mic. On the back of the mic is a chrome plated button which when removed reveals the connections. No push to talk and only a center conductor and shield connection. The cord is brown cloth covered with what looks to be the insides only of a Heath lunch box type of connector.

Does anyone know what model this mic is, how old, what type and can it be used with the old Heath lunchboxes that don't need a push-to-talk?

Thanks for your time and interest. I have already checked the Astatic web page and saw nothing there similar to this mic.

73 George KC5WBV
gah@koyote.com

Date: 01 Jun 97 00:03:21 EDT
From: "ROBERT W DOWNS, WA5CAB" <103012.2130@CompuServe.COM>
To: BOATANCHORS <boatanchors@theporch.com>
Subject: RE: SX-122 Surprise BA 1468
Message-ID: <970601040321_103012.2130_GHU74-1@CompuServe.COM>

Al & Group

Maybe some of the guys at SWB read and remember the EMP test reports. Remember the litany, "rock breaks scissors, scissors cut paper, paper covers rock"? Well, EMP breaks rice burners, and a nuke strike would certainly constitute an emergency. Hope they made sure that at least one of their stand-by generators is old enough not to have a solid state regulator.

73, Robert W. Downs, WA5CAB
103012.2130@compuserve.com
Houston, TX

End of BOATANCHORS Digest 1469

>1470
>From owner-boatanchors@sco.theporch.com Sun Jun 1 15:49:35 1997
>Return-Path: <owner-boatanchors@sco.theporch.com>
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
> by uro.theporch.com (8.8.6.Beta4/A-UX3.1.1) with ESMTP id PAA22118
> for <SHIMSHON@URO.THEPORCH.COM>; Sun, 1 Jun 1997 15:49:34 -0500 (CDT)
>Received: from sco.theporch.com (localhost [127.0.0.1])

> by sco.theporch.com (8.8.6.Beta4/SC0-5.0.2) with SMTP id PAA08995;
> Sun, 1 Jun 1997 15:48:08 -0500 (CDT)
>Message-Id: <199706012048.PAA08995@sco.theporch.com>
>Date: Sun, 1 Jun 1997 15:48:08 CDT
>Sender: owner-boatanchors@theporch.com
>From: boatanchors@theporch.com
>To: Amateur Radio Equipment Using Vacuum Tubes <boatanchors@sco.theporch.com>
>Subject: BOATANCHORS digest 1470
>Mime-Version: 1.0
>Content-Type: multipart/mixed; boundary="--
__ListProc__NextPart__865198075432599037"
>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN
>Status: 0

BOATANCHORS Digest 1470

Topics covered in this issue include:

- 1) SX-117 good mate for Lakeshore II ??
by Ho4bart@aol.com
- 2) Flex tuning cable needed
by Ho4bart@aol.com
- 3) IREC tubes shields wanted
by "Lawrence R. Ware" <lrware@pipeline.com>
- 4) Diamond badges
by midshires@cix.compulink.co.uk (Andrew Emmerson)
- 5) Heathkit TT-1 vs. TT-1A
by jeffa@ix.netcom.com (Jeff Anderson)
- 6) Manual For RF-675 Ant Coupler
by tfcasey@sprynet.com
- 7) Sunday N* listings
by Mike Warren <m_warren@compuserve.com>
- 8) Connectors
by Gabor Karsai <gabor@vuse.vanderbilt.edu>
- 9) Query:FT-243
by "Ray Allen,W2KBR" <raallen@erols.com>
- 10) Re: CW glowbugs: HQ170 vs NC303
by Mike Toneri <toneri@ils.net>
- 11) Electrolytic caps. needed...
by "Kenneth G. Gordon" <keng@uidaho.edu>
- 12) Manassas Hamfest
by "Walter L. Marshall" <wmarshal@CapAccess.org>
- 13) WTB: RF Communications Trans/recvr
by w8xq@juno.com (JEFF D WILDER)
- 14) What is Wireless Egert 140?
by "Walter L. Marshall" <wmarshal@CapAccess.org>
- 15) ADMINISTRIVIA: Buying and Selling Guidelines
by listown@jackatak.theporch.com (Mail List Owner)

- 16) Needed:Plate Transf HA-10 Warrior Amp
by w8xq@juno.com (JEFF D WILDER)
- 17) 10 Meters again
by Mike Sanders <k0az@i1.net>
- 18) HT-44 repair - need 6EA8's
by MODSTEPH@ACS.EKU.EDU
- 19) 6.3V xfmr needed
by Bob Roehrig <broehrig@admin.aurora.edu>
- 20) HEATHKIT SERVICE BULLETINS (GH Series).
by joelutz@juno.com (Joseph W Lutz)
- 21) FS - Transformers
by "Richard L. Duell" <rduell@iac.net>
- 22) I told you so.....
by Mike Sanders <k0az@i1.net>
- 23) LS-3 Applicability?
by "Dick Dillman" <ddillman@igc.apc.org>
- 24) FS: Books
by jeffa@ix.netcom.com (Jeff Anderson)
- 25) Items For Sale
by "William C. Robbins" <billrobb@net-link.net>
- 26) Brief Report from Manassas
by Paul Bernhardt <bern@ppdu.nrl.navy.mil>
- 27) FS -or- Trade: 3-500Z tubes ... used/pulls
by "John H. Dilks III" <oldradio@worldnet.att.net>
- 28) 6.3V xfmr needed
by Bob Roehrig <broehrig@admin.aurora.edu>

Date: Sun, 1 Jun 1997 01:14:21 -0400 (EDT)
From: Ho4bart@aol.com
To: boatanchors@sco.theporch.com
Subject: SX-117 good mate for Lakeshore II ??
Message-ID: <970601011420_-562881440@emout07.mail.aol.com>

the xmtr is the swell Lakeshore Bandmaster 2,
imagine, AM-DSB-SSB 160-10, with no cheezy
chrome or big H's or viking heads on the front
panel. pure utility!
would the sx117 make a good match in terms of
quality, appearance, original value?
tnx for input!
hue miller

Date: Sun, 1 Jun 1997 01:18:25 -0400 (EDT)
From: Ho4bart@aol.com

To: boatanchors@sco.theporch.com
Subject: Flex tuning cable needed
Message-ID: <970601011825_1856239842@emout02.mail.aol.com>

i need a tuning cable for an RCA AVR-7 aircraft receiver. it would have just a simple screwdriver blade type ending, not a spline gear such as in military gear. buy and/ or swap a military 6 ft tune cable, probably for 'command set'.
or, where to look for such a cable? is this style like used in early car radios?
hue miller

Date: Sun, 01 Jun 1997 04:41:51 +0000
From: "Lawrence R. Ware" <lrware@pipeline.com>
To: boatanchors@sco.theporch.com, baswaplist@foothill.net
Subject: IREC tubes shields wanted
Message-ID: <3.0.16.19970601044048.45574044@pop.pipeline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi folks, I could use as many as 20 of each of the sizes for 7 pin and 9 pin miniature tubes. Anyone got a box full they want to part with?

Thanks,
-Larry

Larry's Home for Wayward Test Equipment & Old Radios (tm)
Let your equipment retire in sunny central Florida.
Intensive Care, Private Bench Space, Frequent Use,
Factory trained HP, Tek & Fluke Surgeon on staff.
Good Home Guaranteed or double your junk back!
lrware@pipeline.com - Orlando, FL -

Date: Sun, 1 Jun 97 11:12 BST-1
From: midshires@cix.compulink.co.uk (Andrew Emmerson)
To: boatanchors@theporch.com
Cc: midshires@cix.compulink.co.uk
Subject: Diamond badges
Message-ID: <memo.34628@cix.compulink.co.uk>

Just about all amateur radio societies world-wide enclose their emblem within an "Egyptian diamond" symbol. For reasons I'll explain later, I'd love to know which society first employed this diamond symbol. Was it us Brits or the ARRL? And is there any significance in it? All comments welcomed.

73,
Andy G8PTH.

Date: Sun, 1 Jun 1997 06:18:46 -0500 (CDT)
From: jeffa@ix.netcom.com (Jeff Anderson)
To: boatanchors@theporch.com
Subject: Heathkit TT-1 vs. TT-1A
Message-ID: <199706011118.GAA03392@dfw-ix4.ix.netcom.com>

Can anyone tell me the differences between the Heathkit TT-1 Tube Tester and the TT-1A? I have a TT-1 and was just looking through an old Heathkit catalog and saw that, at one time, they sold a conversion kit to convert the TT-1 to TT-1A (the kit even included a new case!).

I'm hoping that the modifications required for the upgrade were fairly straight-forward and easily made. Does anyone know what these were, or can anyone perhaps supply me with a TT-1A schematic so that I can figure them out?

Many thanks!

- Jeff, WA6AHL

Date: Sun, 1 Jun 1997 05:27:30 -0700
From: tfcasey@sprynet.com
To: boatanchors@theporch.com
Subject: Manual For RF-675 Ant Coupler
Message-ID: <199706011227.FAA16970@m9.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Does anyone have a manual for an RF-675 Antenna Coupler made by RF Communications Corporation (may be out of business) by now)? The coupler was built for Government use to be used with the KWM-2 xcvr. Sure would appreciate a copy and usual reimbursement rules apply.

73, Tim Casey W1EII

tfcasey@sprynet.com

Date: Sun, 1 Jun 1997 10:26:07 -0400
From: Mike Warren <m_warren@compuserve.com>
To: ba-list <boatanchors@sco.theporch.com>
Subject: Sunday N* listings
Message-ID: <199706011026_MC2-17A4-19D8@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Good Morning All,

Today's Northstars Traders Net listings:

(All are for sale by Herb at 612/455-7898)

1. National NC-173
2. Hallicarafters S-40A
3. Johnson Valiant
4. Globe 680A
5. Eico 753

73,

Mike W5MAZ (in MN)
m_warren@compuserve.com

Date: Sun, 1 Jun 1997 09:58:15 -0500 (CDT)
From: Gabor Karsai <gabor@vuse.vanderbilt.edu>
To: boatanchors@theporch.com
Cc: Gabor Karsai <gabor@vuse.vanderbilt.edu>
Subject: Connectors
Message-ID: <Pine.LNX.3.95.970601094842.3479A-100000@classic1.vuse.vanderbilt.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dear List:

I need a couple of connectors:

1.) Switchcraft 2501F small female MIC connector with coupling ring. This connector fits, e.g., the RF output of the EICO 324.

2.) Power connector for the G-133F receiver. On the chassis, it has a 9/16 O.D. metal shell with seven pins inside (in 2-3-2 arrangement). The metal shell is not threaded, but it has a tiny "guide rail" on the top, and four "indentations" on its circumference. The following number is pressed into the metal: 7014-DS00-7P. I need the matching female connector that goes on the cable.

I would appreciate any pointers to possible sources of these connectors.

Thank you and 73's,
-- Gabor Karsai

Date: Sun, 01 Jun 1997 11:14:08 -0700
From: "Ray Allen,W2KBR" <raallen@erols.com>
To: boatanchors@theporch.com
Subject: Query:FT-243
Message-ID: <3391BBF0.C2@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

BA'ers: Last couple of days, somebody was lookin for FT-243 style xtals:
Again please to me.

Ray Allen
8303 Grainfield Rd.
Severn,MD.,21144-2331

Date: Sun, 1 Jun 1997 12:12:59 -0500 (GMT-0500)
From: Mike Toneri <toneri@ils.net>
To: thompson@mindspring.com
Cc: boatanchors@sco.theporch.com
Subject: Re: CW glowbugs: HQ170 vs NC303
Message-ID: <199706011712.MAA06944@server1.ils.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have used both a HQ170A and a NC303 under various conditions (contest CW,

AM, SSB, casual ragchewing) and the NC303 always comes out on top in the selectivity department and in frequency stability. I have re-aligned the HQ170A to the specs in the manual and the NC303 is still noticeably better. By the way the NC303 I am using has never been realigned since it left the factory and has been badly abused by previous owners. It works so well, even when compared to my TS830S and FT767GX that I am very reluctant to attempt a re-alignment on it.

73...Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net

Date: Sun, 1 Jun 1997 09:30:17 -0800
From: "Kenneth G. Gordon" <keng@uidaho.edu>
To: boatanchors@sco.theporch.com
Cc: glowbugs@www.atl.org
Subject: Electrolytic caps. needed...
Message-ID: <199706011631.JAA02041@piobaire.mines.uidaho.edu>

It looks like I am going to have to replace all of the electrolytic caps. in the power-supply circuits of my children's HW-16 and would like to tap the collective wisdom of the list:

I am considering buying some of those photoflash type caps., but am wondering how they would react to continuous use at full working voltage. Does anyone here have experience along these lines?

Also, one of those I require is a 4 section job. I have not yet found one suitable in either my AES catalog or in Newark's catalog or in Fair Radio. Can anyone recommend a better source for these ?

I have also discovered why the HW-16 usually chirps so badly when used on crystal control in so many cases: the voltage regulation to the oscillator tube is TERRIBLE!!!, falling from 310 VDC with key up to about 180 VDC with key down. When I jury-rigged VR tubes to supply both plate and screen, chirp went away.

Ken W7EKB

Date: Sun, 1 Jun 1997 12:56:29 -0400 (EDT)
From: "Walter L. Marshall" <wmarshall@CapAccess.org>
To: boatanchors@sco.theporch.com

Subject: Manassas Hamfest

Message-ID: <Pine.SUN.3.91-FP.970601124656.26983A-1000000@cap1.capaccess.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Girls and Guys,

Real nice show if you got there early. Started raining hard at 10am. Got a URR390A, a Knight Ocean Hopper (in excellent shape, hums,) a Hems Clarke 214 to 247 mhz telemetry reciever (very nice,) and a Wireless Egert Engineering Inc. Type 140, regen. This one uses one UX199.

Wasn't too much real collectable stuff. No nice Nationals, HQ-180, SP600 ect. I think the rain kept a lot of people home. Still a good fest.

Walter

Date: Sun, 01 Jun 1997 12:57:05 EDT

From: w8xq@juno.com (JEFF D WILDER)

To: boatanchors@theporch.com

Subject: WTB: RF Communications Trans/recvr

Message-ID: <19970601.125930.4343.0.W8XQ@juno.com>

Hello People,

I'm looking for the RF Comunications Trans/recvr SB-6F or SB-6M. Please reply if you can help. Thankyou

73

Jeff W8XQ

Date: Sun, 1 Jun 1997 13:05:33 -0400 (EDT)

From: "Walter L. Marshall" <wmarshall@CapAccess.org>

To: boatanchors@sco.theporch.com

Subject: What is Wireless Egert 140?

Message-ID: <Pine.SUN.3.91-FP.970601125641.26983B-1000000@cap1.capaccess.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Dear Boatists,

I got this at Manassas today. Very nice old thing. From the 1920s, I suppose. Used one UX199, National Velvet cap with one each, tapering, cast, rotor and stator. Plug in coils, of which I have one. Turns on when you plug in earphones. Room for batteries inside. Alunimum front panel with tuning knob, earphone jack and

a light jewel. Pretty simple. Bakelite chassis.
Anybody out there know anything about this mini BA?
Thanks,
Walter

Date: Sun, 1 Jun 97 11:15:01 CDT
From: listown@jackatak.theporch.com (Mail List Owner)
To: boatanchors@sco.theporch.com
Subject: ADMINISTRIVIA: Buying and Selling Guidelines
Message-ID: <9706011115.aa26050@jackatak.theporch.com>

Gang-

This periodic posting is intended as a gentle nudge and suggestion which should improve the quality of posts to the BoatAnchors list, and maintain our excellent (and high) signal to noise ratio...

The list culture has developed to include "for sale" and "wanted" posts. Originally, all buying and selling traffic was focused on finding parts to complete a restoration. As the list has evolved, there has been an increase in buying and selling activity, which may not be all bad.

There is, however, a real need to observe certain conventions, lest this otherwise benign activity turn into a real disturbance to the real purpose of the list: discussions of radio equipment using vacuum tubes, including the life and times of the designers and users of such gear.

Please observe these guidelines:

- 1) LIMIT the frequency of for sale postings... once a month is a good starting point
- 2) DO NOT post endless "xxx is sold" to the entire list... you offered it for sale, and it is not considerate of list resources (which include the time and energy of the other list members) to burden the list with these senseless notices. Use direct email to those who responded, or, if you don't want to answer them personally, just don't use the list to advertise them for sale!
- 3) AVOID even the mere faint appearance that you are posting items for sale as a regular adjunct to your business dealings. This has become more of a problem lately with some long lists showing up regularly on the main list, or with dealers who appear to be using the list for their personal advertising advantage. Failure to observe these basics *will* result in banishment from the list --

just don't do it! When even a shadow of doubt creeps in, read the "Welcome" message again... it spells it out!

- 4) DO be considerate of those on the list in your for sale or wanted postings. Keep them short, infrequent, and ONLY include items specifically appropriate to the list -- NO solid state gear is obvious, but try to avoid pushing the envelope in any area.
- 5) LONG lists and estate offerings should be sent to me at:
listown@jackatak.theporch.com
so they may be uploaded to the archives for email or ftp retrieval.
(We are hoping to have a web page up in the future for these files.)

Thanks for your understanding and help in making the boatanchors list have the highest signal to noise on the InterNet.

--

73

Jack, W4KH/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)
- - - BoatAnchor Mailing List Owner - - -
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

Date: Sun, 01 Jun 1997 13:05:25 EDT
From: w8xq@juno.com (JEFF D WILDER)
To: boatanchors@theporch.com
Subject: Needed:Plate Transf HA-10 Warrior Amp
Message-ID: <19970601.130816.4343.1.W8XQ@juno.com>

Hello People,
I'm still looking for the Plate Transformer for HA-10 Heathkit Warrior Amp
(3400 vct ..500ma). If someone out ther is parting one out , might still have
the transformer, Please contact me. Thanks

73

Jeff W8XQ

616- 381-4133
w8xq@juno.com

Date: Sun, 01 Jun 1997 11:35:14 -0500
From: Mike Sanders <k0az@i1.net>
To: boatanchors@theporch.com
Subject: 10 Meters again

Message-ID: <3.0.16.19970601113508.22772aea@i1.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings All,

Sunday noonish and 10AM is starting to crack into the St. Louis, MO area. Hearing W3HMO working Roswell GA on 29.000. I found the HQ110 with the Ameco nuvistor preamp is as hot or better than the Kwoody 850. Life is good and getting better. Get them boats up on 29.000 plus and in the AM mode. The old TA33 is pointed due East and will follow the eskip on 10 today. The Johnson Ranger is ready to go.

73, Mike K0AZ

K0AZ formerly KS0F, N0ARH, K4KJG, K0TPW.

Mike Sanders 3409 Henry Dr. Imperial, MO 63052 314-282-0787

6 Meters VUCC #605 497 grids confirmed 47 countries 49 states 4 continents
E skip only

2 Meters VUCC #447 188 grids confirmed 3 countries 44 states 1 continents
Terrestrial only

Satellite VUCC #39 (mode A only)

Above stats since Feb 95

6 Meter power 170 watts. Max antenna height 57 feet. Max boom length 20 feet.

2 Meter power 170 watts. Max antenna height 62 feet. Max boom length 15 feet.

Date: Sun, 01 Jun 1997 13:46:42 -0400 (EDT)
From: MODSTEPH@ACS.EKU.EDU
To: boatanchors@theporch.com
Subject: HT-44 repair - need 6EA8's
Message-ID: <01IJK6J2VQ6A0029TD@ACS.EKU.EDU>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Gang:

About a month ago I posted a similar note and got a response which seems to have fallen thru, maybe because my delay in answering it (was in auto accident and did not get back here for about three weeks).

Well, the HT-44 is still showing some vfo problems and I still need a couple of 6EA8's - any out there, please? I did get it on 7050 kHz last night and worked a KB5 in Texas, but power out is low (about 40 watts) as it tends to be on the low part of the bands...

73, A1 N5AIT
modsteph@acs.eku.edu
Allan Stephens
Richmond, Kentucky

Date: Sun, 1 Jun 1997 13:02:20 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Boatanchors <boatanchors@sco.theporch.com>
Subject: 6.3V xfmr needed
Message-ID: <Pine.ULT.3.96.970601130123.10270A-1000000@admin.aurora.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I need a 6.3V 1 amp transformer with a breakdown rating of at least 2KV.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Sun, 1 Jun 1997 18:16:12 UTC
From: joelutz@juno.com (Joseph W Lutz)
To: HEATH@LISTSERV.TEMPE.GOV
Cc: boatanchors@theporch.com
Subject: HEATHKIT SERVICE BULLETINS (GH Series).
Message-ID: <19970601.181616.2870.2.JOELUTZ@juno.com>

Hi gang,

Rather than getting backed up in typing info that I have taken off the fiche, I decided to go ahead and send some of what I have already done - exclusive of the HW-8 info that I have already sent out. Hope it is useful to some of you that are into Heath Green.

shooting

July 10, 1968
Instability -- Trouble

We suggest you check for each of the following possible causes:

1. Intermittent, rosin or cold solder joints.
 2. Loose hardware at the tube sockets, terminal strips, circuit boards, shields and rear panel sockets.
 3. Poor lead dress at tube sockets V8 & V9. The component leads must be short as possible.
 4. Check C925 (Final tune capacitor) to be sure it is isolated from the tuning shaft. This is to prevent RF from traveling on the shaft to the front panel.
 5. Check all edges of the final enclosures for proper grounding to the main chassis.
 6. Check the hardware for the side rails to be sure a good ground is being provided.
 7. Be sure that all the ground clips on the coil cover are making good contact with the switch shields.
 8. Check the soldering of the switch shields to the center pins of tube sockets V6, V7, V10 & V11.
 9. Check the ground leads from the switch board & shields, to be sure they are going to ground foil & not to the preselector capacitor foil pods on the RF driver board.
 10. Check for broken or shorted pigtails on each of the shielded cables in the unit.
 11. Check RFC801 & L901 for any signs of deterioration or physical damage, (burn spots). If apparent replace the part.
 12. Improper adjustment of the Het. Osc. coils could cause improper mixing action, resulting in the final operating at a different frequency appearing as instability.
 13. Change driver & final tubes then reneutralize per manual instructions.
 14. Check driver tube shield to be sure that it has a good ground contact with the socket spring clip.
 15. Check for a good ground between the front panel & chassis.
 16. Check the SWR of the antenna system at the frequency of operation. Should be below 2:1.
 17. Check the antenna coax for leakage, poor connectors & broken shield connections.
 18. Is the transmitter properly grounded?
 19. Be sure all shields & tube shields are installed.
 20. Realign using a properly terminated 50 ohm non-reactive dummy load.
- NOTE: This does not include a light bulb.
21. Check for normal Het. Osc. test-point voltage.
 22. Check for proper LMO injection voltage 1.0-1.5 VRF.

23. Check for a high AC ripple content in the LV-B+, HV-B+ and bias voltages from the power supply.
24. Check to be sure that the shafts do not touch each other in the insulated coupling, and that the set screws do not touch the PA shield.
25. Check to be sure that the PA tune shaft turns the variable capacitor & is not slipping in the insulated coupling.

August 20,

1968

Audio Amplifier & VOX Circuit

Troubleshooting

Guide

Amateur Products

Bulletin No.

SB & HW Tube Type Transceivers
GH-2

It is assumed that the basic steps such as making DC voltage measurement, checking tubes and reviewing the soldering have been completed.

The following information was compiled from the above transceivers in the 80M LSB position. The mike level control was at the 9:00 o'clock position.

Ac signal voltages are listed below. These voltages were measured from the microphone connector through the VOX circuit. All measurements were made with a VTVM. A microphone or audio generator set for .1V at 1KHZ can be used as the signal source:

MIKE CONNECTOR LUG 1

.1 VAC

PIN 2 OF V1

.02 VAC

PIN 6 OF V1

10-15 VAC

LUG 4 LEVEL CONTROL

10-15 VAC

LUG 5 LEVEL CONTROL

.5 VAC

PIN 9 OF V1

.2 VAC

PIN 8 OF V1

.1-.3 VAC

CENTER ARM OF VOX SENSITIVITY CONTROL

5-15 VAC

PIN 7 OF V17

PIN 6 OF V17

JUNCTION OF C211-D201

40-50 VAC

PIN 9 OF V12

9-15 VAC

Possible trouble areas:

- Check for continuity through each of the shielded cables.

A change in VOX delay after operating for a period of time can be caused by leakage in diode D201. The other possibility is a change in value of capacitor C213. Either component could experience a change in operational characteristics due to heat.

GH-3

OWCA - NCVA - SOWP - FISTS

Gordonsville, Va 22942 (Orange County)
Looking for: Heathkit HR/HX-20, MR/MT-1,
Collins 516F-2, 312B-4, EFJ TR Switch

Date: Sun, 01 Jun 1997 14:21:53 -0400
From: "Richard L. Duell" <rduell@iac.net>
To: boatanchors@theporch.com
Subject: FS - Transformers
Message-ID: <2.2.32.19970601182153.00c2ad74@iac.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have the following transformers I would like to sell.

Quantity three - Operadio Model 9380 - 25W Universal output, 500-1000-1500-2000
to 8 Ohm voice coil. NIB/NOS

One UTC PA-45 Audio choke 250 HY, Max. DC 15 Ma. 450 Ohms DC - NIB/NOS.

One UTC VT-1 high end or low end equalization or both - Triode plate, low
impedance mike or line to 1 or 2 grids - NIB/NOS

One UTC PA-233, 8 to 15k primary & 8 k sec. Ratio .9:1 - NIB/NOS.

One Utah (no model #) single or PP 56, 76, 6C6, etc. to PP 6L6s class AB- NOS

One no brand interstage. 5k CT Pri - 2a3 or sim PP plate to PP 800 , RK-18,
RK-31 or similar tube - 100W class - NOS.

Any of the above \$15 each plus shipping.

First to holler gets 'em.

73, Rich - W5VDU

Date: Sun, 01 Jun 1997 12:27:39 -0500
From: Mike Sanders <k0az@i1.net>

To: boatanchors@theporch.com
Subject: I told you so.....
Message-ID: <3.0.16.19970601122638.2d7ff8bc@i1.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings again All,

Had a nice 1748Z to 1817Z qso with Jack K2ZA. K2ZA this is K0AZ heheheh. Jack was running S9 and above with his 32V3 and was receiving my massive Johnson Ranger on a 75A1. It was great qso after a long dry spell. I have had a few short qsos on 10 AM but not as good as this chat with Jack. So, don't get caught with your filaments cold.

Heard several other signals but they were all on 29.000. I found Jack up on 29.050 calling CQ. 73, Mike K0AZ

K0AZ formerly KS0F, N0ARH, K4KJG, K0TPW.

Mike Sanders 3409 Henry Dr. Imperial, MO 63052 314-282-0787

6 Meters VUCC #605 497 grids confirmed 47 countries 49 states 4 continents

E skip only

2 Meters VUCC #447 188 grids confirmed 3 countries 44 states 1 continents

Terrestrial only

Satellite VUCC #39 (mode A only)

Above stats since Feb 95

6 Meter power 170 watts. Max antenna height 57 feet. Max boom length 20 feet.

2 Meter power 170 watts. Max antenna height 62 feet. Max boom length 15 feet.

Date: Sun, 1 Jun 97 10:38:23 PST
From: "Dick Dillman" <ddillman@igc.apc.org>
To: boatanchors@theporch.com
Subject: LS-3 Applicability?
Message-ID: <51551.ddillman@igc.apc.org>

Once again I have a question for the Experts of the List:

What equipment is loudspeaker LS-3 intended to work with?

Thanks,

Dick

Dick Dillman
WPE2VT W6AWO
<ddillman@igc.apc.org>

Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Date: Sun, 1 Jun 1997 14:49:57 -0500 (CDT)
From: jeffa@ix.netcom.com (Jeff Anderson)
To: boatanchors@theporch.com
Subject: FS: Books
Message-ID: <199706011949.0AA11299@dfw-ix14.ix.netcom.com>

I have the following books for sale. Shipping for the first book is \$3, and \$2 for each additional book.

COMMUNICATION ENGINEERING, Everitt, 1937, 2nd edition, McGraw-Hill. \$20

ELECTRONICS, Millman & Seely, 1941, 1st edition, McGraw-Hill. \$15

RADIO ENGINEERING PRINCIPLES, Lauer and Brown, 1920, 1st edition, McGraw-Hill. \$25

POWER CIRCUITS, DC TO MICROWAVE, RCA, 1969 (softbound). \$7

CATHODE RAY TUBES, Tektronix. \$5

SEMICONDUCTOR DEVICE MEASUREMENTS, Tektronix. \$5

ARMY Tech Manuals:

TM 11-660: Introduction to Electronics. \$3

TM 11-661: Electrical Fundamentals (DC). \$5

TM 11-664: Theory & Use of Electronic Test Equipment. \$5

TM 11-668: FM Transmitters and Receivers. \$5

TM 11-669: Transients and Waveforms. \$5

TM 11-670: Special Purpose Oscillators and Amplifiers. \$5
(missing cover)

TM 11-673: Generation and Transmission of Microwave Energy. \$5

TM 11-675: RF Transmission Lines. \$5

TM 11-681: Electrical Fundamentals (AC). \$5

TM 11-690: Basic Theory and Applications of Transistors. \$5

Thanks,

- Jeff, WA6AHL

Date: Sun, 1 Jun 1997 16:18:38 -0400
From: "William C. Robbins" <billrobb@net-link.net>
To: boatanchors@theporch.com
Subject: Items For Sale
Message-ID: <199706012018.QAA09498@serv01.net-link.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have the following items for sale. I will also consider trades for Heath stuff.

Heathkit HO-10 Monitor Scope	\$75	Painted cabinet (Non-Heath green)
Heathkit HM-2102 VHF/UHF Wattmeter	45	
Hallicrafters HA-1 TO Keyer	65	

Thanks

Bill

Heathkit Collector
WA8CDU formally WN8CDU

Date: Sun, 1 Jun 1997 16:28:08 -0400 (EDT)
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>
To: boatanchors <boatanchors@theporch.com>
Subject: Brief Report from Manassas
Message-ID: <Pine.A32.3.91.970601162030.26653B-100000@ppdu.nrl.navy.mil>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

BAXperts,

Humidity was high and it tried to rain but some amazing bargains were found at Manassas. From memory I noted as sold:

BC-375 NIB with TU's for \$300
Another BC-375 NIB with TU's for \$100
ART-13 (good - no tubes) \$75
R-390 (nice) for \$260
R-390A (ok) for \$90

I hope these prices set the standard for future sales.

At the 10:00 BA meeting (and around) I met the following BA subscribers:

Fred Bohner
Tom Bryan
Bill Meara and patient spouse
Larry Wolken
Mike Hanz
Phil McCoy
Bill Breashers
Chuck Rippel (Mr. R390A)

Sincerely, P. Bernhardt, KF4FOR

Work: P.A. Bernhardt	Home: Paul Bernhardt, KF4FOR
Code 6794	5704 Ridge View Dr.
Naval Research Laboratory	Alexandria, VA 22310
Washington, DC 20375	
Tel: 202-767-1096	703-960-9656
FAX: 202-767-0631	

Date: Sun, 1 Jun 1997 20:28:19 +0000
From: "John H. Dilks III" <oldradio@worldnet.att.net>
To: boatanchors@theporch.com
Subject: FS -or- Trade: 3-500Z tubes ... used/pulls
Message-ID: <19970601202813.AAB7061@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

FS -or- Trade: 3-500Z used/pulls Tubes
(also two 3CX300A7 big ceramic tubes - not priced yet)
all from Commercial HF Transmitters.

Time to pick up a few spares!

No shipping on these (sorry) but I want you to pick your own, as there are no guarantees. Bring an ohmmeter to check the filaments. \$25. each -or- three for \$60. Cash and carry.

Here's the story. A senior-citizen/retired ham friend used to work at one of the coastal ship-to-shore sites back in the 60's - 80's. Every so many days they changed the tubes. These are those pulls. Mostly Eimac, though you may find a Amperex or two. All are in and have been stored in the Eimac "yellow" boxes. He is now very sick and needs the money. \$25. each -or- three for \$60. And he asked me to sell them to hams, not to resellers. So there-you-go.

I have 22 now and about 30 more available soon.

Virginia, Maryland and DC Hams note: I'll be in Reston, Virginia the first and second weeks of June. If interested: Email me and I'll send you the address where I'm staying. We can meet "clandestinely" in the parking lot of the motel. (Sounds intriguing doesn't it? Remember? I'm the one who has the RS-6 Spy(?) Transmitter/Receiver. ... Prior BA postings can attest to this.)

The next public appearance I'm making (for those who don't want clandestine) is the MAARC Antique Radio Swap Meet & Auction on June 12-13-14 in Laurel, Maryland. < info about this meet is available on my web-site:
<http://www.eht.com/oldradio> look for "events" >

-Trade- I'm willing to trade some of these tubes for early commercial and well made homebrew ham radio equipment & parts, early books and magazines. You'll get the tubes and I'll pay my friend. What do you have?

Let me know soon, as I'll be on the road Monday at 5:00 p.m.

73' John Dilks, K2TQN

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|      >> New 5-24-97 on http://www.eht.com/oldradio <<      |
|                                     |
| 1). Al Klase, N3FRQ's complete B-17 Radio Command Set, set-up.      |
| 2). A "Chopper" used in 1920's Ham Transmitters for I.C.W.          |
| 3). The B-i-g Radio Auction Results with 6 or 7 photos.              |
|                                     |
|      If you have an old (ver.1 type) Browser try...                  |
|      http://www.cyberhost5.com/eh/oldradio |
|      There's always something new about old radio on our Web Page.    |
|      We update it every week!                                         |
'-----
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Date: Sun, 1 Jun 1997 15:46:32 -0500 (CDT)

From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Boatanchors <boatanchors@sco.theporch.com>
Subject: 6.3V xfmr needed
Message-ID: <Pine.ULT.3.96.970601154327.10975A-100000@admin.aurora.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I need a 6.3V 1 amp transformer with a breakdown rating of at least 2KV.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

End of BOATANCHORS Digest 1470
